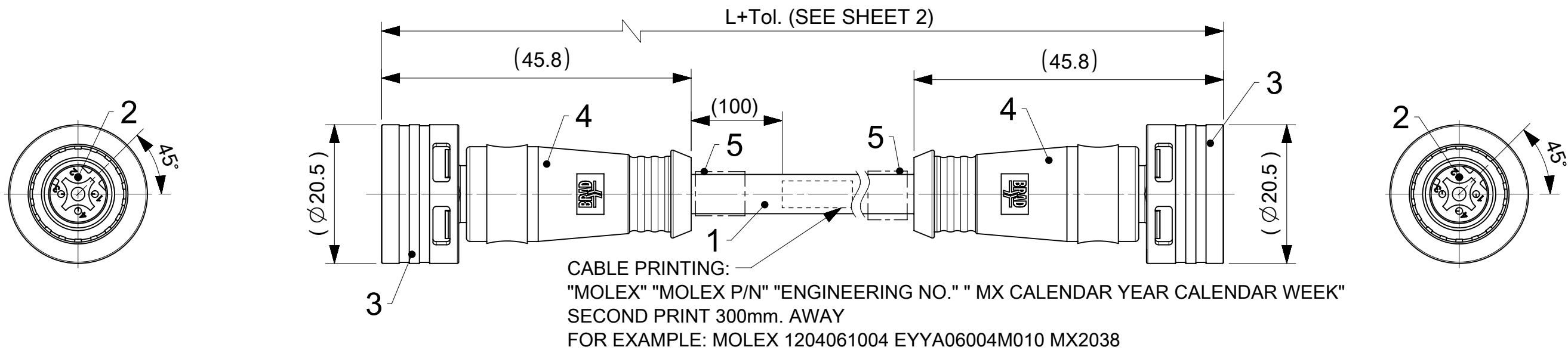
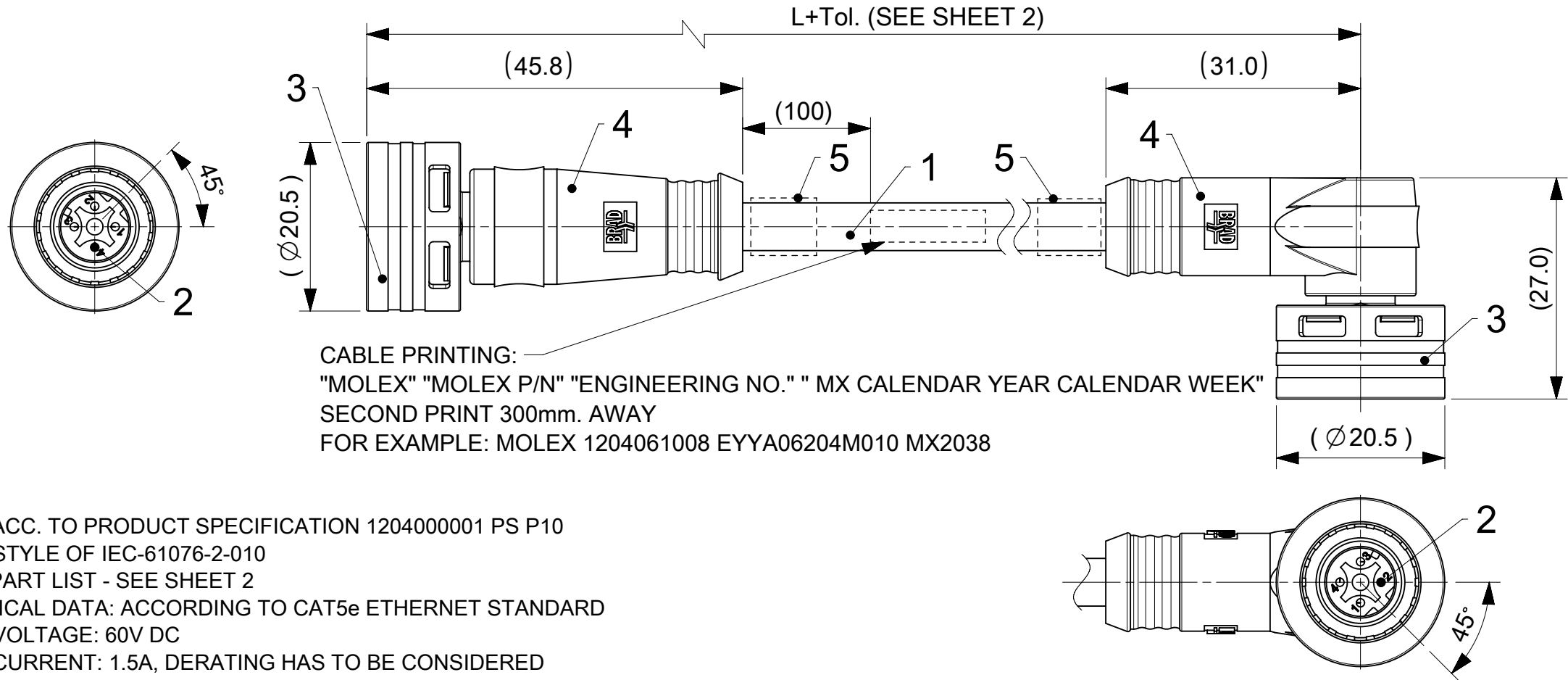


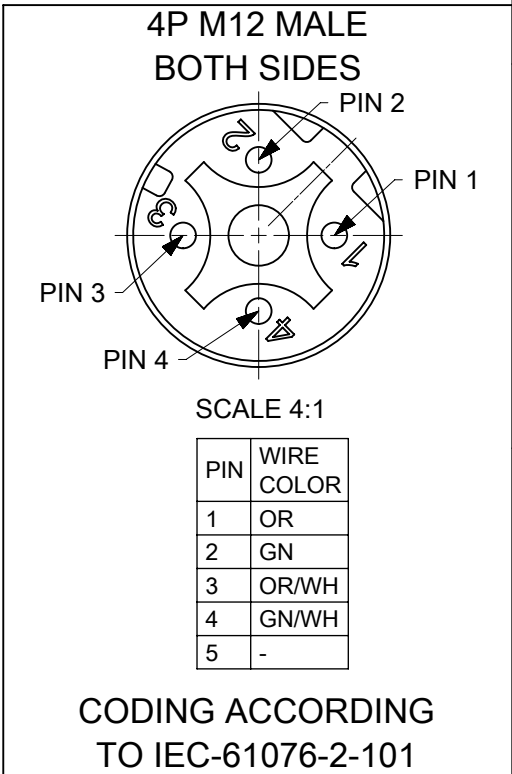
CSE U12ET 4P DC MA STR MA STR TPE XM DE UNSH TE :



CSE U12ET 4P DC MA STR MA RA TPE XM DE UNSH TE :



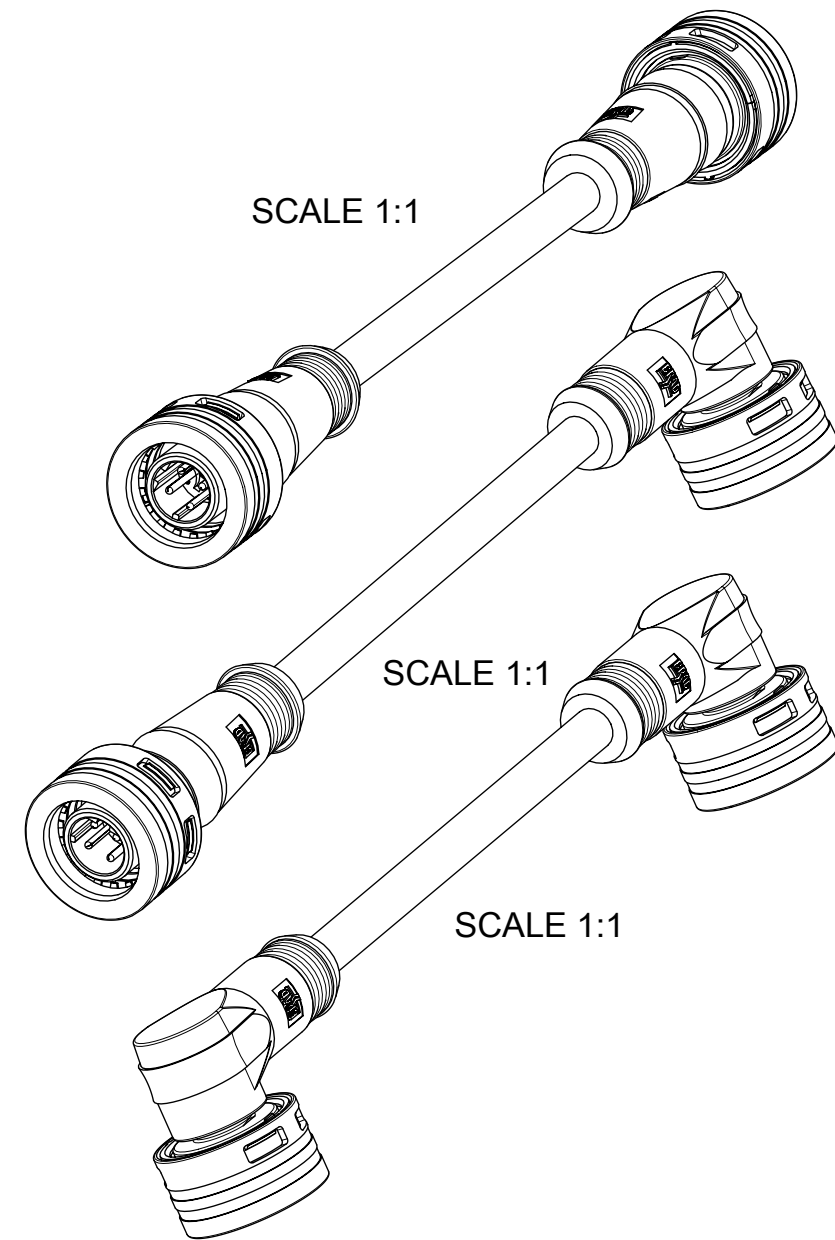
- NOTES:
1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
 2. BOM & PART LIST - SEE SHEET 2
 3. ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD
RATED VOLTAGE: 60V DC
RATED CURRENT: 1.5A, DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CAT 5e PATCH CORD PROFINET TYPE C
 4. PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION
 5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST
 6. MECHANICAL OPERATIONS: 100 CYCLES
 7. MATES WITH ULTRA-LOCK M12 FEMALE RECEPTACLES
 8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
 9. UL CSA FILE REGISTRATION PENDING



PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH
5	-

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED	
DIVISIONAL SYMBOLS		EC NO: 736602		2023/01/27	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: RSCHIEBER		2023/01/31	
ANGULAR TOL ± 1.0 °		CHK'D: RSILLER		2023/01/31	
4 PLACES ±		APPR: RSILLER		INITIAL REVISION:	
3 PLACES ±		DRWN: JELIZAINCIN		2021/04/21	
2 PLACES ± 0.05		APPR: RSILLER		2022/10/14	
1 PLACE ± 0.3		THIRD ANGLE PROJECTION		DRAWING	
0 PLACES ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES	
		A3-SIZE		120406	
		DOCUMENT NUMBER		DOC TYPE	
		1204061004		PSD	
		CUSTOMER		DOC PART	
		GENERAL MARKET		REVISION	
		SEE SHEET 2		000	
		SHEET NUMBER		1 OF 2	

10	9	8	7	6	5	4	3	2	1
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E Y Y A X X X X X X X X X X

OVERMOLD:
BLANK = STANDARD BRAD:
-YELLOW IN THE USA
-BLACK IN EUROPE
A = GREY
E = RED
G = BLACK
Y = YELLOW
H = STD. COLOUR WITH TWO
ID-TAG CARRIERS

MOLEX NO.	ENGINEERING NO.	LENGHT (mm)
1204061004	EYYA06004M010	1000
1204061005	EYYA06004M020	2000
1204061006	EYYA06004M050	5000
1204061007	EYYA06004M100	10000
1204061008	EYYA06204M010	1000
1204061009	EYYA06204M020	2000
1204061010	EYYA06204M050	5000
1204061011	EYYA06204M100	10000
1204061012	EYYA06304M010	1000
1204061013	EYYA06304M020	2000
1204061014	EYYA06304M050	5000
1204061015	EYYA06304M100	10000

4P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN	
					MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
X	04	CABLE ETHERNET CAT-5E TPE TEAL 2X2X24AWG D6.5	TPE	TEAL	-20°C	+75°C	-5°C	+75°C	-	-

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.

MA STR -MA STR	MA STR -MA RA	MA RA -MA RA	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
X	X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X	X	X	2	8	CONTACT 10 MA STA NI	COPPER ALLOY	GOLD OVER NICKEL PLATED
X	X	X	3	2	PLG U12 4P DC MA PA UNSH WT	-	-
X	X	X	4	2	OVERMOLD	TPC	SEE MATRIX
IF "H" IS IN MATRIX-END			5	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT

FORMAT: master-tb-prod-A
REVISION: J
DATE: 2020/01/01

molex

CSE U12ET 4P DC MA MA TPE XM DE UNSH TE

1204061004	PSD	000	A1
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4	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
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